FIG. 1A

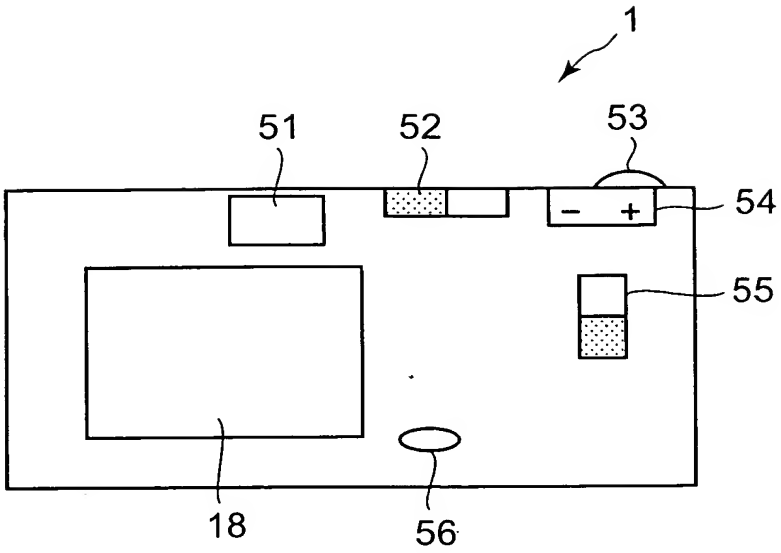

FIG. 1B

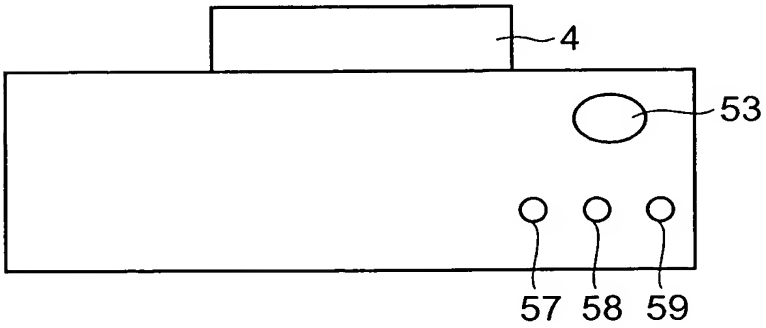

FIG. 1C

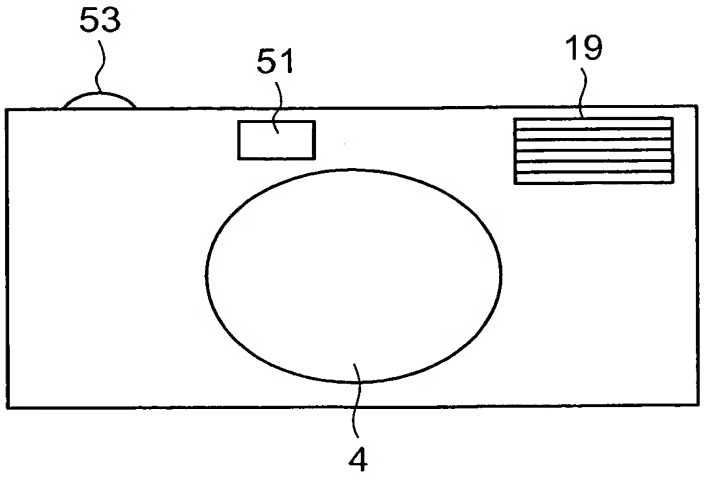

FIG. 2

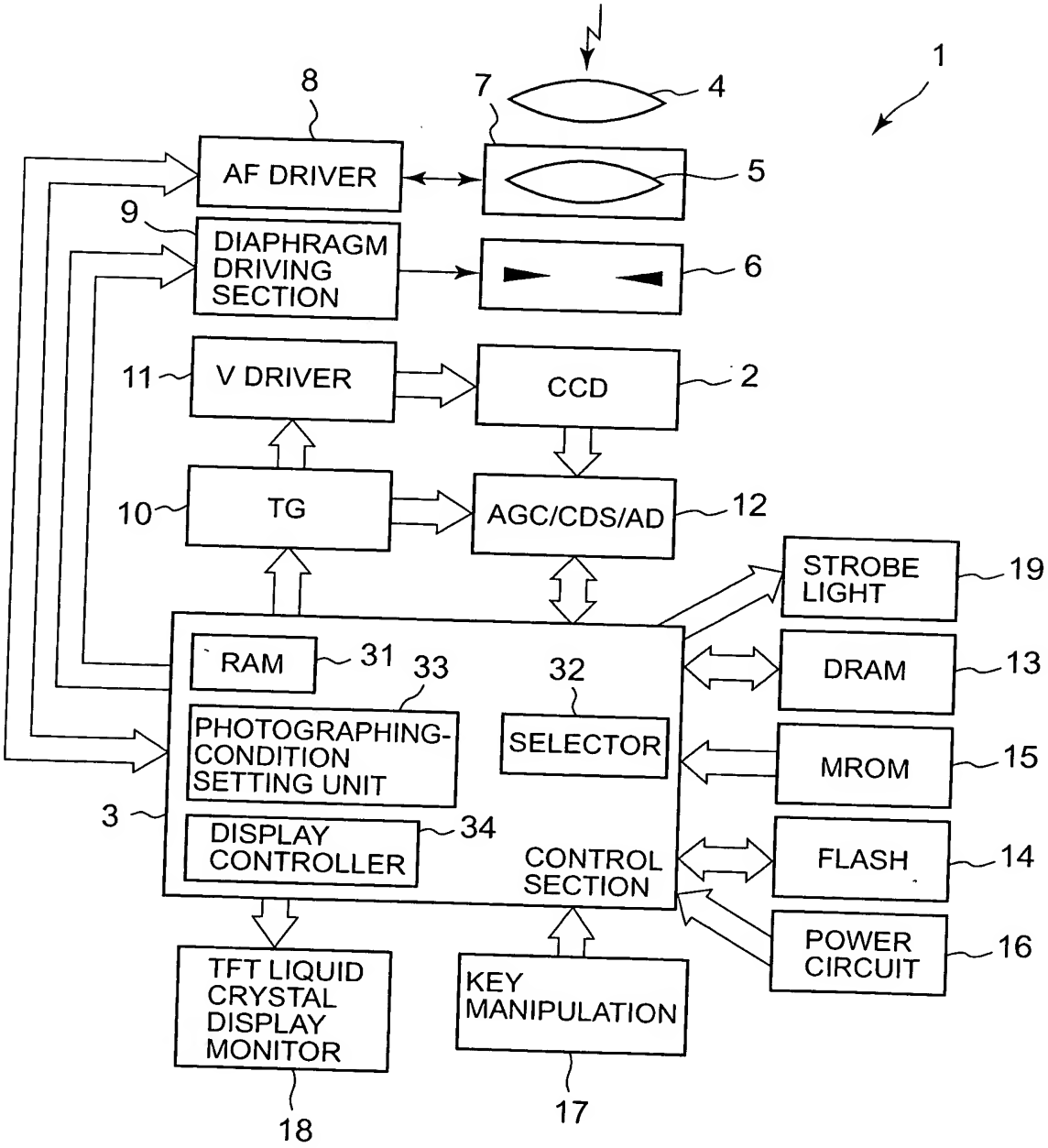
1
8
7
4
AF DRIVER
5
9
DIAPHRAGM DRIVING SECTION
6
11
V DRIVER
CCD
2
10
TG
AGC/CDS/AD
12
STROBE LIGHT
19
RAM
31
33
32
DRAM
13
PHOTOGRAPHING-CONDITION SETTING UNIT
SELECTOR
MROM
15
3
DISPLAY CONTROLLER
34
CONTROL SECTION
FLASH
14
POWER CIRCUIT
16
TFT LIQUID CRYSTAL DISPLAY MONITOR
KEY MANIPULATION
18
17

FIG. 3

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SCENES		PARAMETERS TO BE SET IN MENU OR BY KEY OPERATION														
		AUTO FOCUS	SHUTTER SPEED	APERTURE	EV SHIFT	SENSITI-VITY	FILTER	EXPOSURE MODE	PHOTO-METRY	WB	COLOR EMPHASIS	AMOUNT OF FLASH LIGHT	SHARP-NESS	CHROMA	CONTRAST	FLASH LIGHT
1	PERSON & SCENERY 1	AF (AREA 1)	AUTO	AUTO	0	STD	X	P (NORMAL)	MULTI	AUTO	X	STD	STD	STD	STD	AUTO
2	PERSON & SCENERY 2	AF (AREA 2)	AUTO	AUTO	0	STD	X	P (NORMAL)	MULTI	AUTO	X	STD	STD	STD	STD	AUTO
3	CLOSE UP	AF (AREA 3)	AUTO	AUTO	0	STD	X	P (OPEN)	MULTI	AUTO	FLESH COLOR	STD	<SOFT>	STD	STD	AUTO
4	BUST	AF (AREA 4)	AUTO	AUTO	0	STD	X	P (OPEN)	MULTI	AUTO	FLESH COLOR	STD	<SOFT>	STD	STD	AUTO
5	NEW SHOT	AF (AREA 5)	AUTO	AUTO	0	STD	X	P (OPEN)	MULTI	AUTO	FLESH COLOR	STD	<SOFT>	STD	STD	AUTO
6	TWO SHOTS	AF (AREA 6)	AUTO	AUTO	0	STD	X	P (OPEN)	MULTI	AUTO	FLESH COLOR	STD	STD	STD	STD	AUTO
7	CLOSEUP OF FLOWER	MACRO	AUTO	AUTO	0	STD	X	P (OPEN)	MULTI	AUTO	X	LOW	STD	<HIGH>	STD	AUTO
8	FLOWER FIELD	AF	AUTO	AUTO	0	STD	X	P (NORMAL)	MULTI	AUTO	X	STD	STD	<HIGH>	STD	AUTO
9	WOOD	AF	AUTO	AUTO	-1	STD	X	P (NORMAL)	CENTER	AUTO	GREEN	STD		<HIGH>	STD	AUTO
10	AUTUMN LEAVES	AF	AUTO	AUTO	0	STD	X	P (NORMAL)	MULTI	AUTO	RED	STD		<HIGH>	STD	AUTO
11	BLUE HEAVEN	∞	AUTO	AUTO	0	STD	X	P (NORMAL)	MULTI	AUTO	BLUE	STD	STD	STD	STD	AUTO
12	EVENING SUN	∞	AUTO	AUTO	0	STD	RED	P (NORMAL)	MULTI	FIXED (SUN LIGHT)	X	STD	STD	HIGH	STD	AUTO
13	SUMMER SEA	AF	AUTO	AUTO	1	STD	X	P (NORMAL)	CENTER	AUTO	BLUE	STD	STD	STD	STD	AUTO

Fig. 4

102

SCENES		SCENE EXPLANATION	ADVICES	EXPLANATION/CONTROL
1	PERSON & SCENERY 1	TAKING A PICTURE OF PERSON & SCENERY	FRAME IS DISPLAYED	
2	PERSON & SCENERY 2	TAKING A PICTURE OF PERSON & SCENERY	FRAME IS DISPLAYED	
3	CLOSE UP	TAKING A PICTURE OF CLOSEUP	FRAME IS DISPLAYED WITH BACKGROUND OUT OF FOCUS WITH ZOOM ON	
4	BUST	TAKING A PICTURE OF BUST	FRAME IS DISPLAYED WITH BACKGROUND OUT OF FOCUS WITH ZOOM ON	
5	NEW SHOT	TAKING A PICTURE OF NEW SHOT	FRAME IS DISPLAYED WITH BACKGROUND OUT OF FOCUS WITH ZOOM ON	
6	TWO SHOTS	TAKING A PICTURE OF TWO SHOTS	FRAME IS DISPLAYED WITH BACKGROUND OUT OF FOCUS WITH ZOOM ON	
7	CLOSEUP OF FLOWER	TAKING A PICTURE OF CLOSEUP OF FLOWER		MACRO MODE IS SET WITH ENHANCED CROMA
8	FLOWER FIELD	TAKING A PICTURE OF FLOWER FIELD		ENHANCED CROMA IS SET
9	WOOD	TAKING A PICTURE OF WOOD		HARD SHARPNESS, ENHANCED CROMA, GREEN EMPHASIZED
10	AUTUMN LEAVES	TAKING A PICTURE OF AUTUMN LEAVES		HARD SHARPNESS, ENHANCED CROMA, RED EMPHASIZED

FIG. 5A

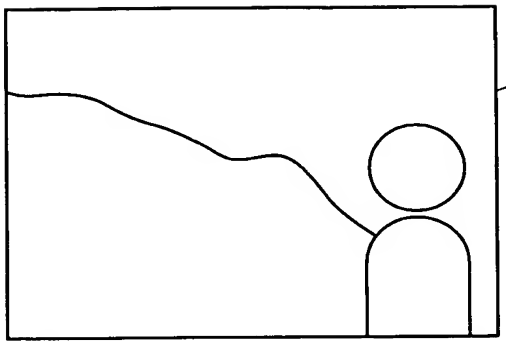

FIG. 5B

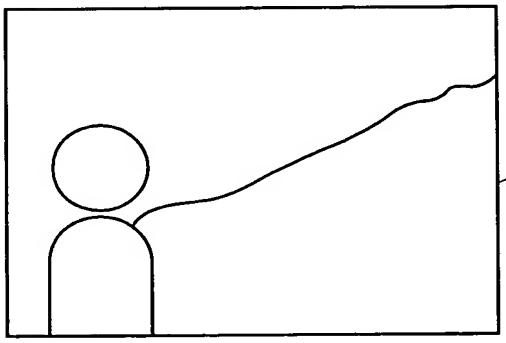

FIG. 5C

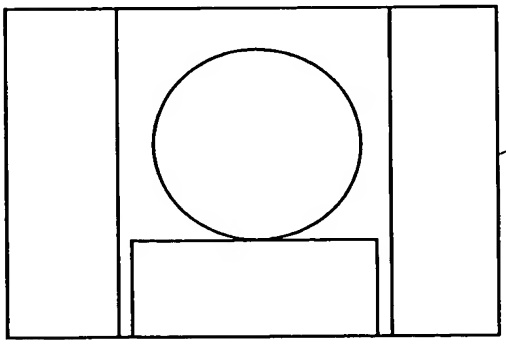

FIG. 6

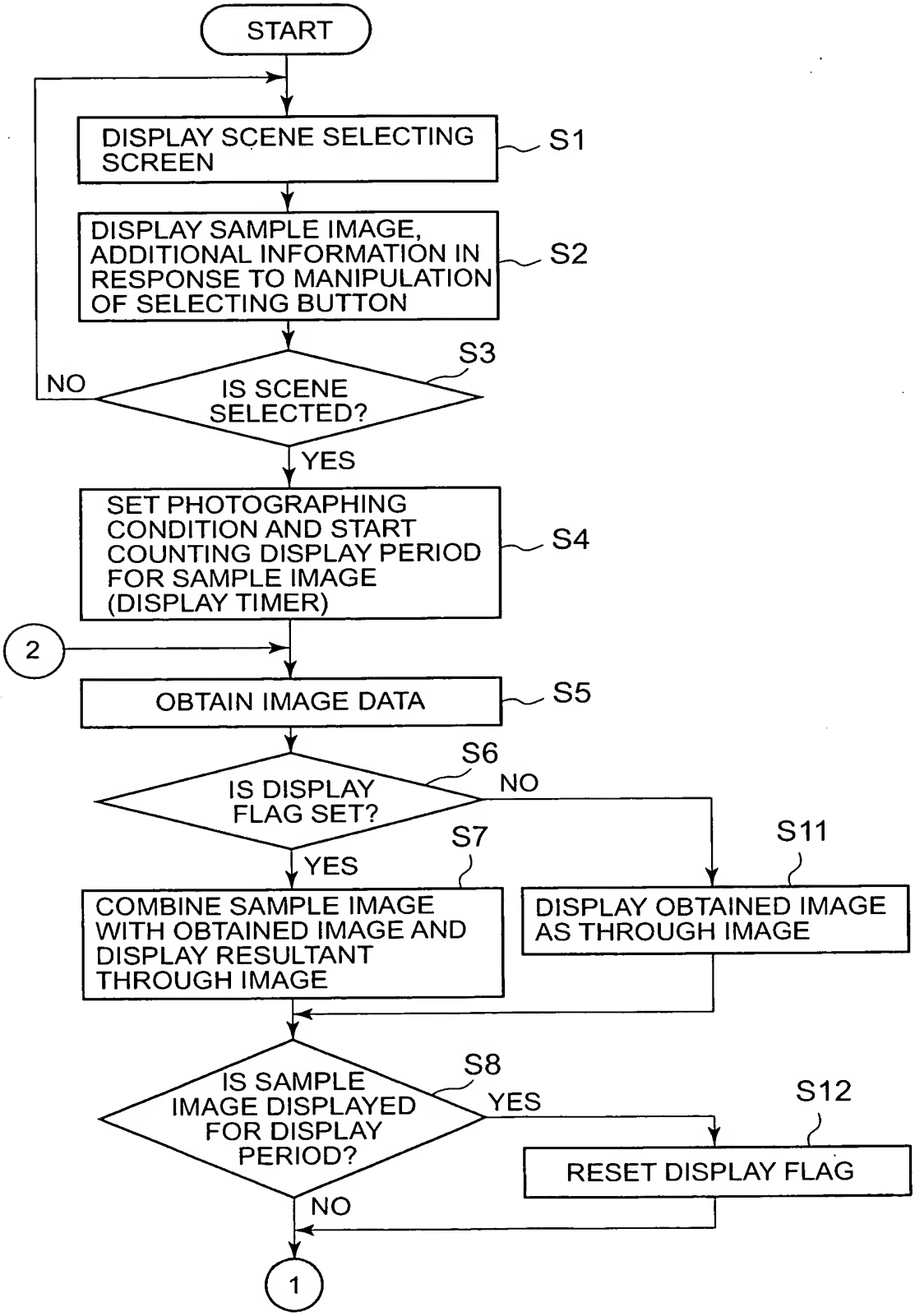
START
DISPLAY SCENE SELECTING SCREEN
S1
DISPLAY SAMPLE IMAGE, ADDITIONAL INFORMATION IN RESPONSE TO MANIPULATION OF SELECTING BUTTON
S2
S3
IS SCENE SELECTED?
NO
YES
SET PHOTOGRAPHING CONDITION AND START COUNTING DISPLAY PERIOD FOR SAMPLE IMAGE (DISPLAY TIMER)
S4
2
OBTAIN IMAGE DATA
S5
S6
IS DISPLAY FLAG SET?
NO
YES
S7
S11
COMBINE SAMPLE IMAGE WITH OBTAINED IMAGE AND DISPLAY RESULTANT THROUGH IMAGE
DISPLAY OBTAINED IMAGE AS THROUGH IMAGE
S8
IS SAMPLE IMAGE DISPLAYED FOR DISPLAY PERIOD?
YES
S12
RESET DISPLAY FLAG
NO
1

FIG. 7

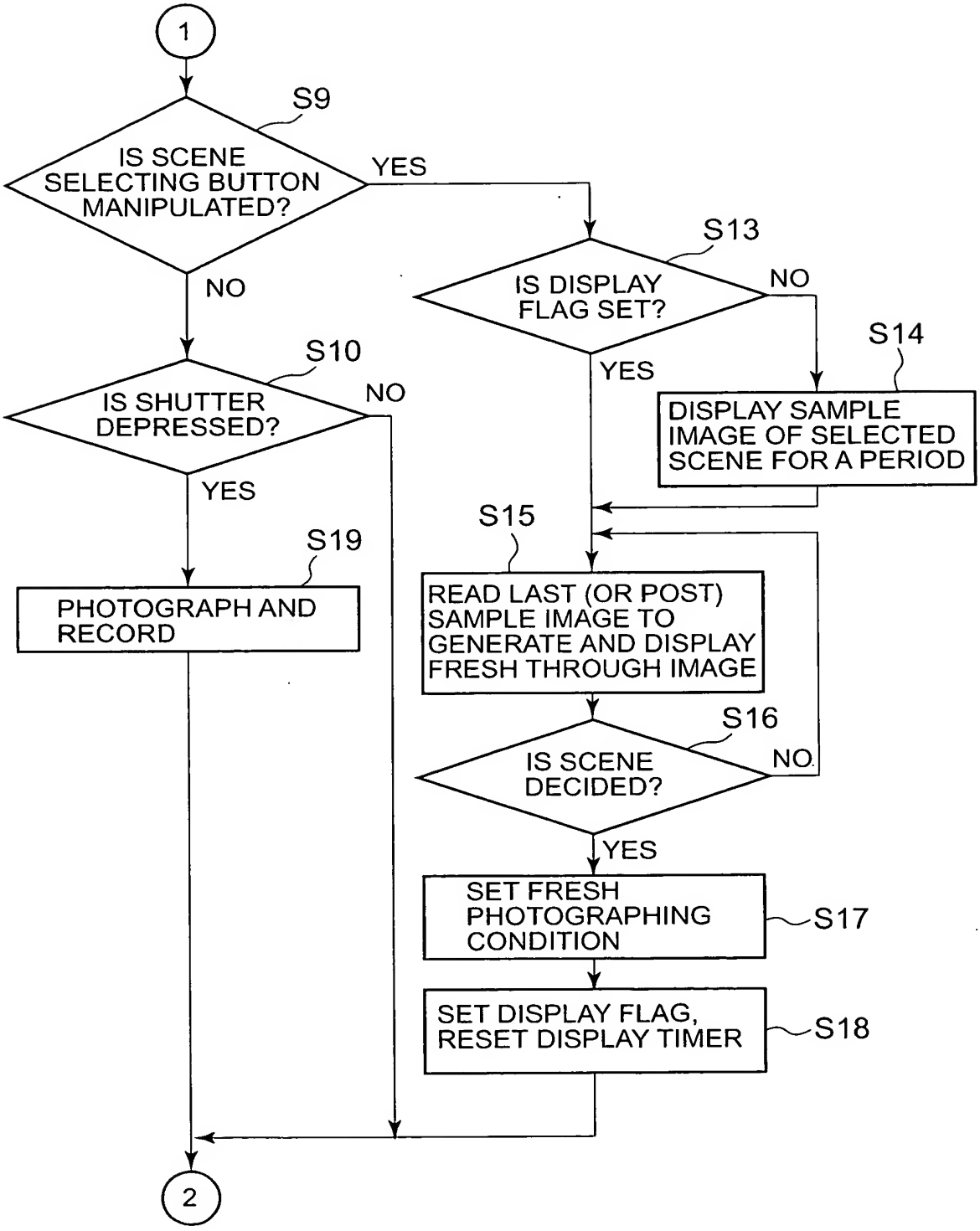
1
S9
IS SCENE SELECTING BUTTON MANIPULATED?
YES
NO
S10
IS SHUTTER DEPRESSED?
NO
YES
S19
PHOTOGRAPH AND RECORD
S13
IS DISPLAY FLAG SET?
NO
YES
S14
DISPLAY SAMPLE IMAGE OF SELECTED SCENE FOR A PERIOD
S15
READ LAST (OR POST) SAMPLE IMAGE TO GENERATE AND DISPLAY FRESH THROUGH IMAGE
S16
IS SCENE DECIDED?
NO
YES
SET FRESH PHOTOGRAPHING CONDITION
S17
SET DISPLAY FLAG, RESET DISPLAY TIMER
S18
2

FIG. 8

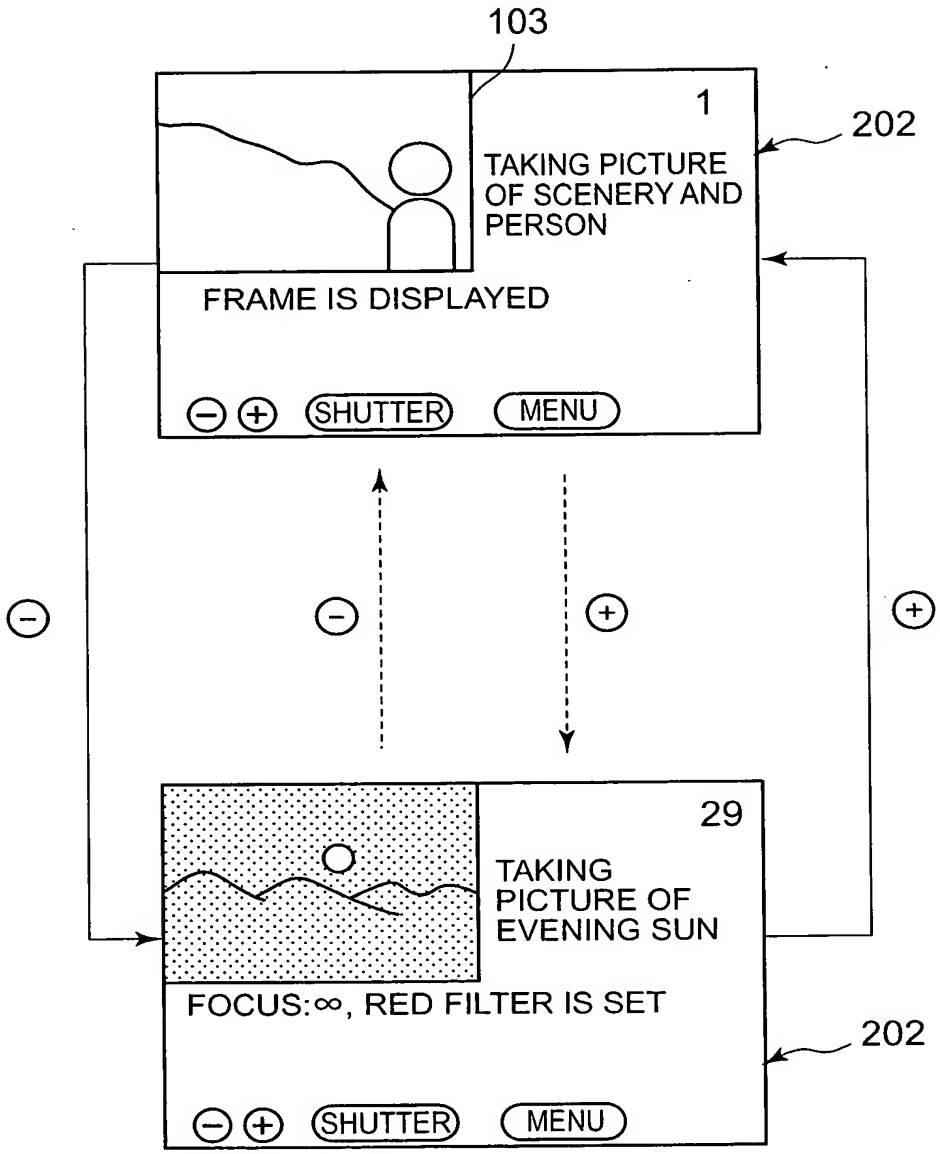
103
1
202
TAKING PICTURE OF SCENERY AND PERSON
FRAME IS DISPLAYED
SHUTTER
MENU
29
TAKING PICTURE OF EVENING SUN
FOCUS:∞, RED FILTER IS SET
202
SHUTTER
MENU

FIG. 9

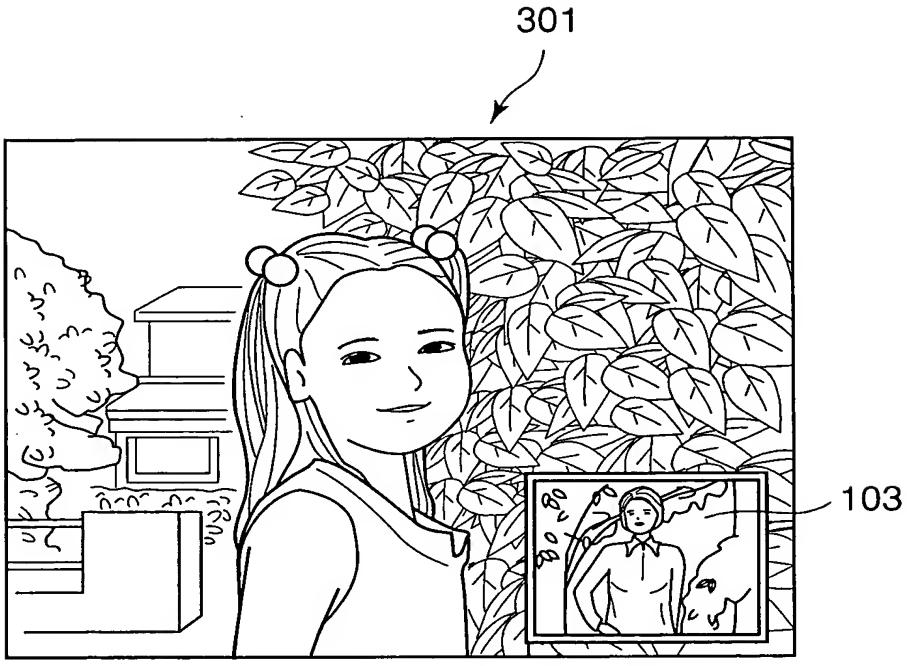
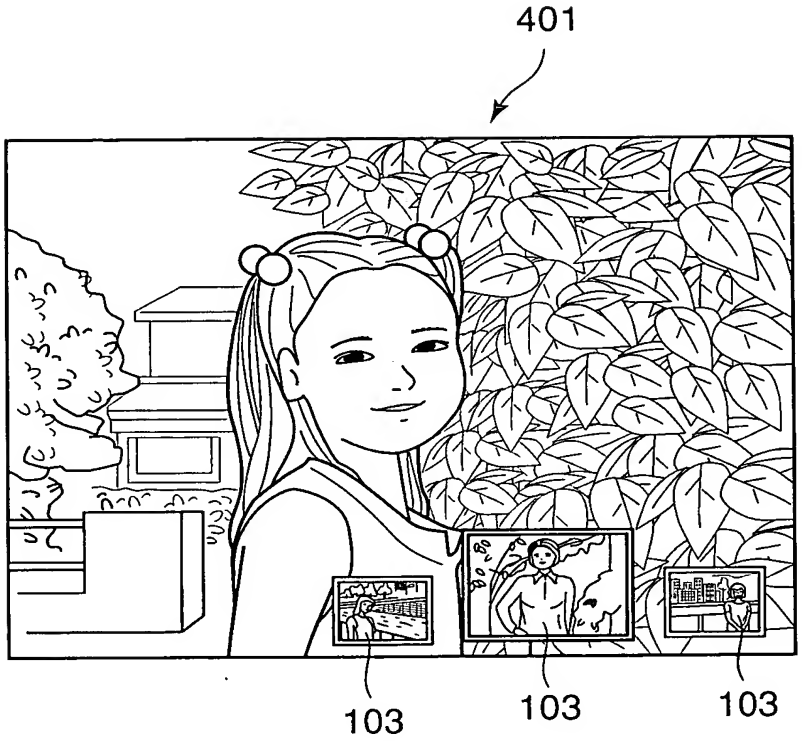
FIG. 10